

**Polyolefin heat shrink is a halogen free, flame retardant tubing.**

It has a very low shrink temperature and is flexible. It is available with a normal wall and a thin wall.

## Characteristics

- Operating temperature -40°C to +125°C
- Minimum shrink temperature 65°C
- Shrink Ratio 2:1
- Standard Colours: Black, Red, Blue, Yellow, Green, White (Other colours are also available on request)



## Applications

The normal wall series of heat shrink tubing is manufactured with modified radiation cross-linked polyolefin. The specially designed halogen free formulation makes the tubing very flexible and able to shrink at a lower temperature. It is suitable for applications where temperature sensitive components protection (e.g. PVC jacketed wire and cable) and quick shrinkage is required. The flammability of the tubing meets the automotive flame propagation standard MVSS3 302. The normal wall heat shrink tubing has good mechanical and electrical performances. The ultra thin wall series of heat shrink tubing is also available with the above properties.

Technical Data		
Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	15MPa
Ultimate Elongation (%)	ASTM D 2671	450
Longitudinal Shrinkage (%)	UL 224	+/- 5
Heat Aging		
Tensile Strength	158°C, 168hr	11MPa
Ultimate Elongation (%)		300
Flammability	MVSS 302	Pass
Dielectric Strength (kv/mm)	IEC 243	20
Volume Resistivity (ohm-cm)	UL224	1x10 <sup>14</sup>
Copper Stability	ASTM D 2671	Pass
Corrosion	UL224	No corrosion

**Need more technical advice? Require samples for evaluation?**

**Our customer service team can help and can be contacted either by phone or email on +44 (0) 1285 762000 or sales@adtech.co.uk.**